

2.2.1 The institution assesses the learning levels of the students and organizes special Programs for advanced learners and slow learners

Write description in maximum of 200 words

At the entry level, class XII scores are taken as the initial indicator of students' learning ability. Further judgment in subsequent years is based on academic performance, level of alertness, participation in discussions, and mid-semester evaluations. These are augmented by observations made by mentors. Students themselves express extra interests in subjects or approach teachers with their problems. Measures are taken accordingly to address the needs of students with different levels of competence.

Necessary Steps taken for advanced learners:

- Provided with references to journals and advanced study material
- Advanced learners are encouraged to enroll in MOOC Courses – Swayam, course era etc
- Encouraged to make presentations, write papers and participate in international/national conferences/seminars/workshops
- Given recommendation letters to pursue internships in reputed institutions
- Students are involved in research projects taken up by faculty. This stimulates out-of-the-box thinking and provides training in planning and carrying out experiments and fieldwork, analyzing findings and publishing results.
- The students are given exposure about getting funds from various organizations like VGST/KCST projects and also making a Patent of the same
- Provided hands-on training in using latest apparatus and techniques in laboratories in various programs
- Semester toppers and university rank holders are felicitated on the Annual Day.
- Given leadership roles in departmental and society activities to develop organizational skills and teach the value of teamwork.
- Students are chosen as class representatives, giving them an opportunity to display their leadership skills.
- Motivated to write articles for the college/departmental magazines and also to undertake editorial work
- Nominated to represent the college or department in intra & inter-college competitions
- Motivated to set high goals for themselves and counseled to prepare for entrance and competitive examinations

Necessary steps taken for slow learners:

- Efforts are made to identify the cause of their problem and appropriate solutions are worked out.
- Remedial classes are conducted for slow learners to improve their academics. Provided easy and extra study materials which will help them to understand the concept easily.

Quiz is conducted for slow learners as a team with advanced learners so that they will have a group discussion to solve problems easily.

- Teachers coordinate with parents of slow learners so that their needs can be catered to.
- Mentor-mentee interaction keeps faculty in constant touch with students, to discuss about the academic and personal issues, stimulates overall personality development.
- Academic problems are addressed in tutorial classes, assignments are evaluated, and suggestions for improvement are made. Some tutorial classes are taken as remedial sessions for slow learners.
- Slow learners are given more attention both inside and outside the class. Encouraged to take part in departmental activities
- Efforts are made to identify and nurture their skills and talents in order to bolster their confidence.
- Also they have special facilities like Digital Library and also access to various research oriented websites such as Elsevier, science direct etc., for the benefit of them.
- Multiple career options are suggested to all students, keeping in mind their aptitude and interests.